

In the specification:

Please add the following headings between lines 1 and 2 of page 1 of the translation:

BACKGROUND OF THE INVENTION

1. Field of the Invention

Please add the following heading between lines 3 and 4 of page 1 of the translation:

2. Relevant Prior Art

Please add the following heading between lines 18 and 19 of page 2 of the translation:

SUMMARY OF THE INVENTION AND ADVANTAGES

Please add the following heading between lines 14 and 15 of page 3 of the translation:

BRIEF DESCRIPTION OF THE DRAWINGS

Please add the following heading between lines 2 and 3 of page 4 of the translation:

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

Please replace the paragraph of the translation beginning on page 5, line 7 and ending on page 5, line 21 with:

The pump described thus far and its operating principle correspond to the initially cited DDF pump. For example, when the piston 4 moves up in the cylinder 2, it generates a vacuum in the pump chamber 3 such that the powder (which, if applicable, is fluidized by means of air) is drawn into the chamber through the inlet 11. During this process, the outlet 12 of the pump chamber 3 is closed by the corresponding valve (Figure 2). The piston 4' simultaneously moves down in the other pump chamber 3'. Compressed air flows into the chamber 4' [sic; 3'] through the inlet opening 15' that is opened during this time by the corresponding valve, such that the powder ~~injection~~ that was previously drawn into this chamber 3 is ejected through the outlet 12' opened by the corresponding valve. During the downward movement of the piston 4', transport air arriving from the inlet opening 15' is able to flow to the outlet 12' along the piston through the aforementioned gap 9'. Since the powder should not be compressed by the piston, the inlet openings 15 and 15' are opened in a timely

manner before the piston movement such that the pump chamber is already entirely or partially emptied by the transport air during the downward movement of the piston.